



Grandview Materials Inc.

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CERTIFICATE OF ANALYSIS

FOR

TANTALUM TUBE WITH 2.5% TUNGSTEN

P/O No.: xxx457	SIZE: .375"OD x .020"WT x 72"
LOT No.: HTA 11306168	QUANTITY: 25 PIECE(S)
SPECIFICATION: ASTM B 521 R05252	TEMPER: ANNEALED

1. CHEMICAL ANALYSIS (% WT)

C	0.0023	Ni	0.0023
N	0.0017	Si	0.0017
O	0.0110	Ti	0.0008
H	0.0010	W	2.54
Fe	0.0030	Nb	0.0260
Mo	0.0026	Ta	REMAINDER

2. TOLERANCES

DIAMETER (Φ .375" OD) DEVIATION	$\pm 0.003''$
DIAMETER (Φ .335" ID) DEVIATION	$\pm 0.003''$
LENGTH (72") DEVIATION	+0.10"/-0.00"

WE HEREBY CERTIFY THAT THE ABOVE PRODUCT IS CONFORMING TO THE SPECIFICATIONS, AND THERE IS NO MATERIAL ORIGINATED FROM DRC OR ADJOINING COUNTRIES IN AFRICA.